

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to:

Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 (703) 746-4000

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 02/10/2005
LSI Logic Corporation
 Corporate Legal Department
 Intellectual Property Services Group
 1551 McCarthy Boulevard, M/S D-106
 Milpitas, CA 95035



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Manu Kashyap

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/022,051	12/17/2001	Brian E. Corrigan III	01-776	2008

TITLE OF INVENTION: METHOD AND APPARATUS FOR PROTECTION OF DATA UTILIZING CRC

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	05/10/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
TORRES, JOSEPH D	2133	714-763000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Yee & Associates

2. _____
3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

LSI Logic Corporation

Milpitas, California USA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

 A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 12-2257 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

10022951

Authorized Signature

Date 4/25/05

Typed or printed name Sandeep Jaggi

Registration No. 43,331

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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1400.00 DA
04/26/2005 MBIZINE2 00000090 122252



10:00

4084337460 LSI LOGIC → 917037464000

NO. 326 D001

**FAX COVER SHEET**

LSI LOGIC CORPORATION
Office of General Counsel
1621 Barber Lane
M/S D-106
Milpitas, CA 95035
Fax: (408) 433-7460

Date: April 26, 2005
To Name: USPTO – Box: Issue Fee
Fax: (703) 746-4000
Phone: (703) 305-8283

From: Name: Manu Kashyap, Intellectual Property Paralegal
Corporate Legal Dept.
Telephone: (408) 433-7475
Fax: (408) 433-7460
Re: 10/022,051

Number of Pages Including this Page 3

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MESSAGE:

US Serial No.: 10/022,051

Filing Date: December 17, 2001

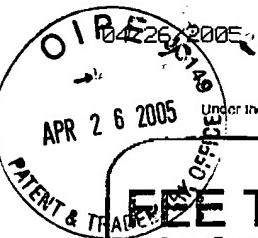
Group Art Unit: 2133

Docket No. 01-776

Examiner: Joseph Torres

Payment of Issue Fee

Please notify us immediately if any pages are not received.



10:00

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PTO/SB/17
Approved for use through 3/30/2000. OMB 0651-0032

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

FREE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.

These are the fees effective October, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$140.00)

Complete if Known

Application Number	10/022,051
Filing Date	December-17, 2001
First Named Inventor	Brian Corrigan III
Group Art Unit	2133
Examiner Name	Joseph D. Torres
Attorney Docket No.	/01-776

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account Number 12-2252

Deposit Account Number LSI LOGIC CORPORATION

 Charge Any Additional Fee required Under 37 Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of

2. Payment Enclosed:

 Choc Money Order Other
FEES CALCULATION**1. BASIC FILING FEE**

Larg eFee Code (S)	Entit yFee Code (S)	Larg eFee Code (S)	Entit yFee Code (S)	Fee Description	Fee Paid
101	780	201	395	Utility filing fee	
108	330	205	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	780	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 0.00)

2. EXTRA CLAIM FEES

Extra Claim	Fee from below	Fee Paid
Total claim	-20**=	
Independent claims	-3**=	
Multiple Dependent		=

** or number previously paid, if greater; For Reissues, see below

Larg eFee Code (S)	Entit yFee Code (S)	Larg eFee Code (S)	Entit yFee Code (S)	Fee Description	Fee Paid
103	22	203	11	Claims in excess of 20	
102	82	202	41	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	82	209	41	**Reissue independent claims over original patent	
110	22	210	11	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0.00)

3. ADDITIONAL FEES

Larg eFee Code (S)	Entit yFee Code (S)	Larg eFee Code (S)	Entit yFee Code (S)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing request for reexamination	
112	920*	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	218	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1,510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	1400
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commission	
123	50	123	50	Petitions related to provisional application	
126	240	128	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129)	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))	
Other fee (specify)				PUBLICATION FE	
Other fee (specify)					

SUBTOTAL (3) (\$ 140.00)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)	
Typed or printed name	Sandeep Jaggi	Reg. Number	43,331
Signature		Date	4/26/05

Deposit Account User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.